

This construction update has been prepared by the Houghton Highway Duplication Project team for residents, businesses and other parties who have an interest in the delivery of this landmark \$315 million project.

The project involves construction of a new 2.7km road, cycle and pedestrian bridge between Brisbane and Redcliffe and associated works. The project is being undertaken by Main Roads and its construction contractor, the Hull Albem Joint Venture, and is scheduled for completion in 2011 (weather permitting).

Current works

- Construction is progressing well on the first of 78 spans of the new Houghton Highway bridge, with support piers poured and capped with reinforced concrete columns and headstocks.
Large gantry cranes, recently erected on the falsework platform alongside the bridge construction site, have been used to position eight 35m-long, 80-tonne precast concrete girders onto the completed piers. Pouring of the concrete bridge deck on the first span is now in progress.
- Roadworks are underway around the Brighton end of the Houghton Highway. These include some road widening works and construction of new pedestrian / cycle paths along Deagon Deviation.
- Construction of new pedestrian / cycle underpasses is continuing at both ends of the Houghton Highway. The underpasses will run along the Brighton and Clontarf seawalls beneath the existing and new Houghton Highway bridges.
- Land reclamation works are in progress at Clontarf Point. These works involve construction of a new rock, earth and concrete seawall and embankment, which will enable Main Roads to connect the new Houghton Highway bridge to its northern approach roads.

The seawall is now complete, and filling and compacting of material behind the wall progressing.

RIGHT: ERECTION OF THE GANTRY CRANES AT THE BRIGHTON CONSTRUCTION SITE.

THESE CRANES WILL LIFT THE HUGE BRIDGE GIRDERS INTO POSITION.

THE CRANES MOVE ALONG RAILS WHICH ARE SUPPORTED BY A 120M LONG TRUSS CONNECTED TO THE WESTERN SIDE OF THE NEW BRIDGE, AND BOLTED DIRECTLY TO THE FALSEWORK PLATFORM ON THE EASTERN SIDE.



Traffic changes and other construction impacts

- Any major traffic changes will be advertised prior to implementation.
- Temporary traffic lane closures will occur from time-to-time on Deagon Deviation near the intersection with the Hornibrook Highway at Brighton, and on Hornibrook Esplanade at Clontarf. At least one lane in each direction will remain open at all times. Two lanes will be open inbound during morning peak periods and two lanes outbound during afternoon peak periods. Speed limit reductions may apply, and traffic control will be provided as required.
- Delivery of oversize bridge girders to the Decker Park construction site will take place approximately twice a week between 2am and 5.30am until mid 2010. Deliveries will block the intersection of the Deagon Deviation and Hornibrook Highway at Brighton for five minute periods. Traffic control will be provided by escorting police.
- Sections of Decker Park at Brighton and the foreshore parkland at Clontarf Point have been fenced, and are not accessible to the community during construction. Traffic control will be provided where vehicles are required to cross pedestrian footpaths from time-to-time.
- Pedestrian and cycle access has been closed beneath the Brighton and Clontarf ends of the existing Houghton Highway bridge during construction. Signed detours are provided.
- Construction involves the use of heavy machinery/tools (e.g. pile driving hammers, excavators and trucks) which may cause increased noise, dust and vibration at times around work sites. The project team will conduct regular monitoring of these impacts to ensure they are within prescribed limits.

Upcoming works

- Construction of the first spans of the new Houghton Highway bridge will continue. Works will include completion of support piers, installation of girders, and pouring of the concrete bridge deck.
- Roadworks will continue around the Brighton end of the Houghton Highway.
- Construction of new pedestrian/cycle underpasses will continue at both ends of the Houghton Highway.
- Land reclamation works will continue at Clontarf Point.

More information

- General enquiries.....Phone 1800 626 976 during business hours (toll free in Australia)
Email houghtonhighway@mainroads.qld.gov.au
- Project plans/information www.mainroads.qld.gov.au (search projects for Houghton Highway)
- Urgent or after hours enquiries.... Phone the Project Manager on 0418 785 370
- Site office..... Phone (07) 3269 0109 during business hours

Please take care when travelling through the construction site. Observe any changed speed zones and be aware of the workforce delivering this project. We thank you for your interest in the project.

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